

ABSTRACT

A consolidated material of coated powders obtained by a method which comprises forming a molding by mutually bonding powder particles having a given property and in which the powder particles can be made to have a desired arrangement or can be arranged in positions giving such a predetermined distance that desired properties are obtainable. The present invention shows a process for producing a consolidated material of coated powders which are mutually consolidated, comprising adhering either powders each comprising a base particle having thereon a coating film having a uniform thickness of 0.01 to 20 μm or powders each comprising base particles each having thereon plural coating films having a uniform thickness of 0.01 to 5 μm per film in which at least any adjacent coating films are different in kind, at the coating film or by an adhesive.